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Arizona



Arizona Public Safety Communications Commission (PSCC)

Maricopa Association of Governments
Telecommunications Advisory Group

Phoenix, Arizona
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Arizona Public Safety Communications Commission (PSCC)

Interoperability in Wireless Communications for Public Safety



The Rest of the Equation Partnerships, Procedures and Politics

Public Safety Communications
Commission
Support Office

Curt Knight
(602) 271-7400 CKnight@AzDPS.Gov



The Rest of the Equation

- Technology is NOT the problem
- Technology will Not cure the problem



The Rest of the Equation

Technology:

- Is only part of the solution
- Does NOT create INTEROPERABILITY
 - Allows INTEROPERABILITY
- Can make the INTEROPERABLE environment worse



The Rest of the Equation

Interoperability begins with:

- Low / NO cost actions/activities
- Simple low tech actions/solutions



PSCC History and Authority

- Committee to Commission



Public Safety Communications Committee

- Created: April 2000
- Ad Hoc Group
- Public Safety Executives



PSCC: 12 Committee Members

- Fire Departments
- Police Departments
- Emergency Management
- Emergency Medical



Mission

- Develop a standards-based voice and data radio system.
- Address the short and long-term needs for AZ public safety entities.



Shift in Focus

- September 11, 2001
- New State/National focus
 - Short-term fix NOW
 - On-going long-term effort



Needs Analysis

- Completed: July 2004

Recommendations

- Interim Improvements
- Long-term Direction



Needs Analysis - Interim

- Neutral Platform of Mutual Aid Channels
 - VHF, UHF, 700/800 MHz
 - Develop Standard Operating Procedures



Needs Analysis - Report

<http://www.azdps.gov/pssc/assessment.asp>



2004 Legislation

- Senate Bill 1412
 - Public Safety Communications Commission (PSCC)
 - \$5M Budget
 - \$3M non-lapsing



Governor Appoints Commission

- Appointments to Represent Emergency Response Regions (RAC's)



PSCC Concept of Operations

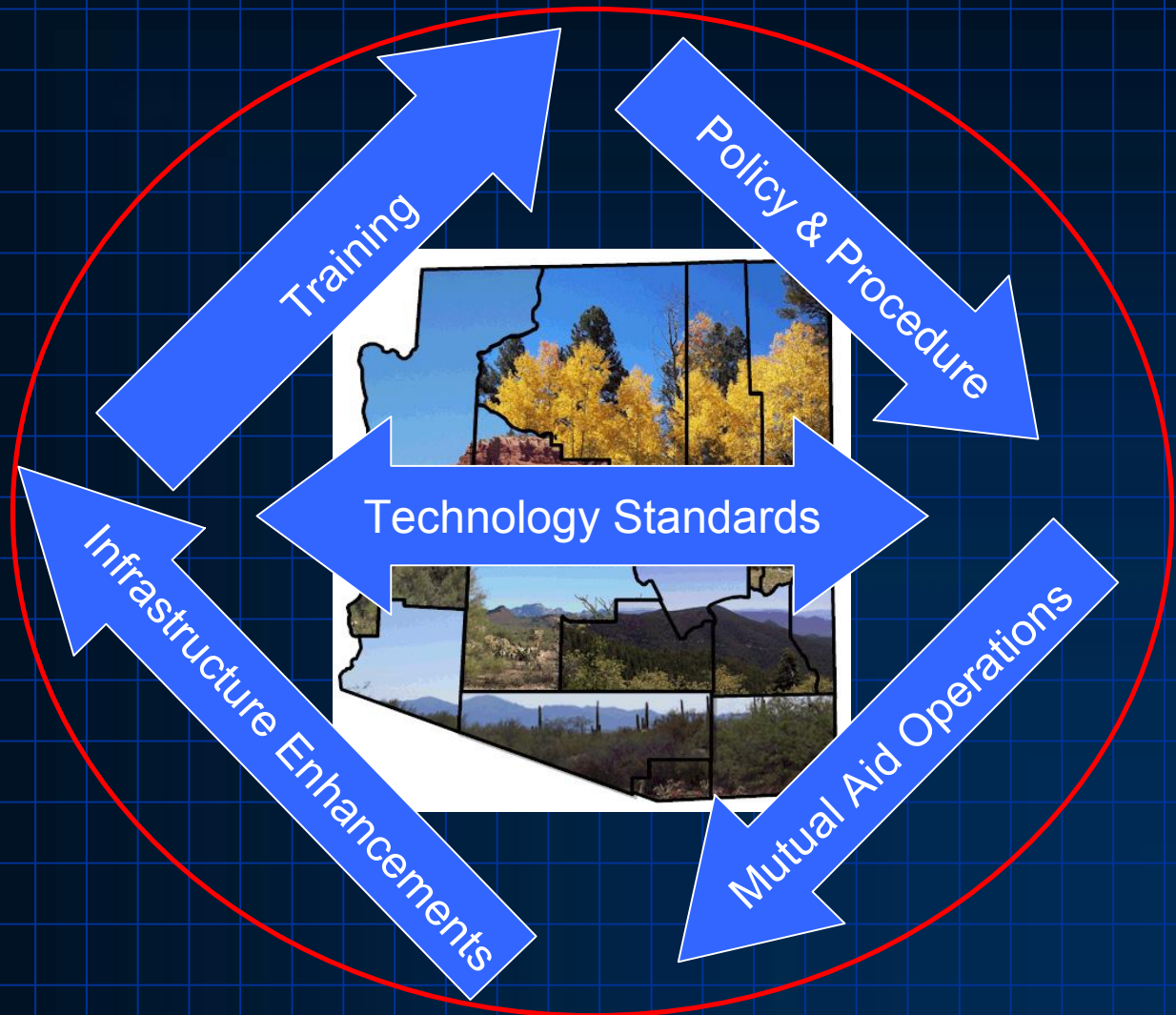
Philosophy of the Commission

- Published in October 2005
- Defines USER operational needs
 - Does NOT define technology
- Critical Changes
- Key Elements

<http://www.azdps.gov/pssc/concept.asp>



Critical Changes



P

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Critical Changes Operational Policy and Procedure

- Top priority for achieving interoperability
- Cornerstone of success
- Begin immediately regardless of today's technology or final solution



Critical Changes Mutual Aid Operations

- Improved public safety
- Improved first responder safety
- Resolve turf and jurisdictional issues



Critical Changes Infrastructure Enhancement

- Leverage existing systems and resources
- Shared Infrastructure
- Replace/upgrade State microwave network



Critical Changes Training

- Operational procedures & equipment
- Know who you will be working with prior to a REAL incident

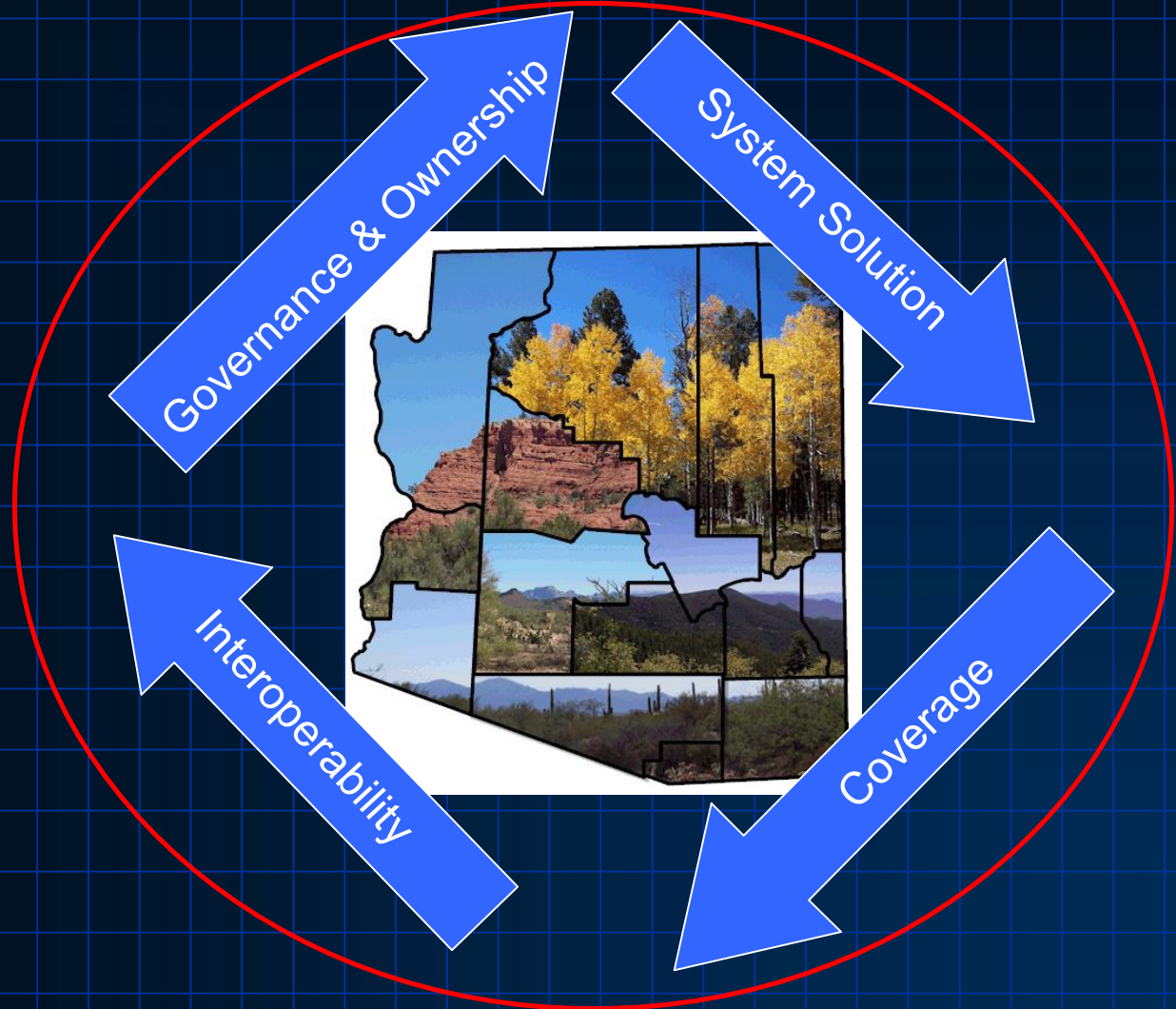


Critical Changes Standards for Technology

- Definition and promotion of standards
- Critical steps to statewide interoperability



Key Elements



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Key Elements System Solution

- System Solution
- Compatibility with current systems
- Support multiple spectrum bands
- Defined plan for migration to new
- Shared facilities and infrastructure



Key Elements Coverage

- Coverage concept may be regional
- Solution may not provide coverage everywhere
 - Geographical
 - Terrain
 - Environmental
 - Cultural



Key Elements Interoperability

- ALL public safety agencies
- Technical and operational components
- Support day-to-day, mutual aid and task force operations



Key Elements Interoperability

- Seamless and uncomplicated
- Between disciplines & jurisdictions



Key Elements

Governance and Ownership

- May change over time
- How to fund
- Membership



Key Elements

Governance and Ownership

- Large agencies expect greater say in management?
- Large agencies expected to provide greater technical support and funding?
- Spectrum and infrastructure
- Initial Funding Model
- Ongoing Cost Model



Ongoing PSCC Activities

- Microwave Budget
- Federal Engineering
 - Conceptual Design
 - Proof of Concept
- FY 08/09 Budget
- Next Commission Meeting



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